INTERNATIONAL SEARCH REPORT

Int Ional Application No
PCT/RR2004/00003

		F	PCT/BR2004/000003		
A. CLASSIF	FICATION OF SUBJECT MATTER C01G33/00				
ccording to	International Patent Classification (IPC) or to both national cla	ssification and IPC			
	SEARCHED currentation searched (classification system followed by class	rification symbols)			
PC 7	CO1G	silication symbols)			
ocumentat	ion searched other than minimum documentation to the extent	that such documents are include	ed in the fields searched		
	ata base consulted during the international search (name of da	ata base and, where practical, so	earch terms used)		
PO-In	ternal, WPI Data				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with Indication, where appropriate, of t	the relevant passages	Relevant to claim No.		
X	US 6 391 275 B1 (FIFE JAMES A)	23,24		
	21 May 2002 (2002-05-21) column 1, lines 25-30				
(column 4, lines 6,7		22		
(column 4, lines 7-9		21		
(column 3, lines 24-28		2		
(column 3, lines 33-35		3		
X	US 6 416 730 B1 (FIFE JAMES A)	1–24		
	9 July 2002 (2002-07-09) the whole document				
E	WO 2004/042095 A (TAGUSAGAWA YASUHIKO ; COMPANHIA BRASILEI (BR)) 21 May 2004 (2004-05-21 the whole document	RA DE METALU	1-24		
		-/			
		•			
	the designation of the Control of th	Delant formilla ma	mbon on listed in ones.		
	ther documents are listed in the continuation of box C.	X Patent family me	embers are listed in annex.		
•	ategories of cited documents : ent defining the general state of the art which is not	or priority date and t	thed after the international filing date not in conflict with the application but		
consi	dered to be of particular relevance document but published on or after the International	invention	the principle or theory underlying the		
filing	date	cannot be considere	ar relevance; the claimed invention ad novel or cannot be considered to		
which	ent which may throw doubts on priority claim(s) or i is cited to establish the publication date of another		step when the document is taken alone ar relevance; the claimed invention		
O docum	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or	cannot be considere document is combine	ed to involve an inventive step when the ned with one or more other such docu-		
"P" docum	means nent published prior to the international filing date but than the priority date claimed	ments, such combir in the art. "&" document member o	nation being obvious to a person skilled		
	actual completion of the international search		e international search report		
1	l October 2004	11/10/20	04		
Name and	mailing address of the ISA	Authorized officer			
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk				
	Tel. (+31-70) 340-2040, Тх. 31 651 еро пl, Fax: (+31-70) 340-3016	Arnotte,	Arnotte, E		

INTERNATIONAL SEARCH REPORT

Int onal Application No
PCT/BR2004/00003

Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X X X X	US 2003/104923 A1 (NAITO KAZUMI ET AL) 5 June 2003 (2003-06-05) the whole document claims 7-18 claims 7,18 claims 8-15 claim 20	1-17 18-20 21 22 23		
		·		

INTERNATIONAL SEARCH REPORT

information on patent family members

Ini lonal Application No PCT/BR2004/00003

		т			2004/000003
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6391275	B1	21-05-2002	AT AU	244685 T 757379 B2	15-07-2003 20-02-2003
			AU	6041299 A	03-04-2000
			BR	9913828 A	18-12-2001
			CN	1320103 T	31-10-2001
			CZ	20010952 A3	13-02-2002
			DE	69909494 D1	14-08-2003
			DE	69909494 T2	27-05-2004
			DK	1115658 T3	27-10-2003
			EP	1357086 A1	29-10-2003
			EP	1115658 A1	18-07-2001
			ĒS	2198990 T3	01-02-2004
			HK	1040231 A1	13-02-2004
			JP	2002524378 T	06-08-2002
			PT	1115658 T	28-11-2003
			ŤŴ	460414 B	21-10-2001
			ÜS	2002135973 A1	26-09-2002
			US	2002141936 A1	03-10-2002
		•	WO	0015555 A1	23-03-2000
			ÜS	2003003044 A1	02-01-2003
			ÜS	6416730 B1	09-07-2002
			ÜŠ	2004033183 A1	19-02-2004
			US	6373685 B1	16-04-2002
			US	2001036056 A1	01-11-2001
US 6416730	B1	 09-07-2002	 US	6391275 B1	21-05-2002
US 0410/30	DI.	09-07-2002	AT	244685 T	15-07-2003
			AU	757379 B2	20-02-2003
			AU	6041299 A	03-04-2000
			BR	9913828 A	18-12-2001
			CN	1320103 T	31-10-2001
		•	CZ	20010952 A3	13-02-2002
			DE	69909494 D1	14-08-2003
			DE	69909494 T2	27-05-2004
			DK	1115658 T3	27-10-2003
•			EP	1357086 A1	29-10-2003
			EP	1115658 A1	18-07-2001
			ĒS	2198990 T3	01-02-2004
			HK	1040231 A1	13-02-2004
			JP	2002524378 T	06-08-2002
			PT	1115658 T	28-11-2003
		•	PT TW		28-11-2003 21-10-2001
			PT TW US	1115658 T 460414 B 2002135973 A1	28-11-2003 21-10-2001 26-09-2002
			TW	460414 B 2002135973 A1	21-10-2001
			TW US	460414 B	21-10-2001 26-09-2002
			TW US WO	460414 B 2002135973 A1 0015555 A1	21-10-2001 26-09-2002 23-03-2000
			TW US WO US	460414 B 2002135973 A1 0015555 A1 2003003044 A1	21-10-2001 26-09-2002 23-03-2000 02-01-2003
			TW US WO US US	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004
			TW US WO US US US	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001
			TW US WO US US US	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002
			TW US WO US US US US AU	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002
			TW US WO US US US US AU AU	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1 758081 B2	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002 13-03-2003 03-04-2000
			TW US WO US US US US AU AU BR	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1 758081 B2 6045599 A 9913728 A	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002 13-03-2003 03-04-2000 15-01-2002
			TW US US US US US US US OS AU BR CN	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1 758081 B2 6045599 A 9913728 A 1320104 T	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002 13-03-2003 03-04-2000 15-01-2002 31-10-2001
			TW US WO US US US US AU AU BR CN CZ	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1 758081 B2 6045599 A 9913728 A 1320104 T 20010953 A3	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002 13-03-2003 03-04-2000 15-01-2002 31-10-2001 13-02-2002
			TW US WO US US US AU AU BR CN CZ EP	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1 758081 B2 6045599 A 9913728 A 1320104 T 20010953 A3 1115659 A1	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002 13-03-2003 03-04-2000 15-01-2002 31-10-2001 13-02-2002 18-07-2001
			TW US WO US US US US AU AU BR CN CZ	460414 B 2002135973 A1 0015555 A1 2003003044 A1 2004033183 A1 6373685 B1 2001036056 A1 2002141936 A1 758081 B2 6045599 A 9913728 A 1320104 T 20010953 A3	21-10-2001 26-09-2002 23-03-2000 02-01-2003 19-02-2004 16-04-2002 01-11-2001 03-10-2002 13-03-2003 03-04-2000 15-01-2002 31-10-2001 13-02-2002

INTERNATIONAL SEARCH INFECTS

Information on patent family members

Int Ional Application No PCT/BR2004/00003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
US 6416730	B1		WO US US	0015556 6322912 2002028175	B1	23-03-2000 27-11-2001 07-03-2002
WO 20040420	95 A	21-05-2004	BR WO	0204587 2004042095	A A1	29-06-2004 21-05-2004
US 20031049	23 A1	05-06-2003	US BR BR CA CN EP WO JP US	2419291 2420162 1463456 1402079 1388870	A A1 A1 T A2 A1 A2 A1 A	11-09-2003 24-06-2003 22-04-2003 21-11-2002 28-02-2003 24-12-2003 31-03-2004 11-02-2004 21-11-2002 21-11-2002 30-07-2003 27-11-2003